

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: August 16, 2021

Utility Name (Cert. No.) CORDOVA ELECTRIC COOPERATIVE, INC. (160)	Utility File No. PC15-0417ZZ	Date Filed: June 30, 2021
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PCE AMOUNT SUMMARY	Previously Calculated PC15-0417YY	Staff Recommended Amount(s) and Effective Date PC15-0417ZZ
Class Rate	<u>Date Approved:</u> August 6, 2021	August 6, 2021
Residential	\$0.0000	\$0.0703
Community Facilities:		
Boat Harbor	\$0.0000	\$0.0703
General Service 0 to 500 kWh	\$0.0000	\$0.0703
General Service over 500 kWh	\$0.0000	\$0.0703
Large Power 0 to 5,000 kWh	\$0.0000	\$0.0703
Large Power 5,001 to 20,000 kWh	\$0.0000	\$0.0703
Large Power Over 20,000 kWh	\$0.0000	\$0.0703
Street Lights	\$0.0000	\$0.0703
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$2.6308</u>	New Fuel Purchase Price: <u>\$2.6308</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.08870</u> Updated <u>0.01270</u>

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 8/16/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		RMP		
Kurber		KKI		
Scott		AGS		
Sullivan		DS		
Wilson	8/17/2021	Juw		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CORDOVA ELECTRIC COOPERATIVE, INC.

POWER COST EQUALIZATION CALCULATION

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update and Surcharge Change

	PC15-0417YY	PC15-0417ZZ	PC15-0417ZZ
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	25,143,424	25,143,424	25,143,424
B. Total kWh Sold (Appendix 2)	23,444,126	23,444,126	23,444,126
C. Total Non-Fuel Costs (Appendix 2)	\$5,257,401	\$5,257,401	\$5,257,401
D. Non-Fuel Cost/kWh (C / B)	\$0.2243	\$0.2243	\$0.2243
E. Total Fuel Costs (Appendix 2)	\$1,172,416	\$1,172,416	\$1,172,416
F. Fuel Costs/kWh (E / B)	\$0.0500	\$0.0500	\$0.0500
G. Eligible Costs/kWh (D + F)	\$0.2743	\$0.2743	\$0.2743
H. Eligible Cost/kWh (G) less base rate in effect	\$0.0740	\$0.0740	\$0.0740
I. Lesser of (H) or 79.97 cents/kWh	\$0.0740	\$0.0740	\$0.0740
J. Average Class Rates (Appendix 3)			
Residential	\$0.1646	\$0.1646	\$0.1646
Community Facilities:			
Boat Harbor	\$0.1653	\$0.1653	\$0.1653
General Service 0 to 500 kWh	\$0.1187	\$0.1187	\$0.1187
General Service over 500 kWh	\$0.0811	\$0.0811	\$0.0811
Large Power 0 to 5,000 kWh	\$0.1370	\$0.1370	\$0.1370
Large Power 5,001 to 20,000 kWh	\$0.1140	\$0.1140	\$0.1140
Large Power Over 20,000 kWh	\$0.0908	\$0.0908	\$0.0908
Street Lights	\$0.0989	\$0.0989	\$0.0989
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.0703	\$0.0703	\$0.0703
Community Facilities:			
Boat Harbor	\$0.0703	\$0.0703	\$0.0703
General Service 0 to 500 kWh	\$0.0703	\$0.0703	\$0.0703
General Service over 500 kWh	\$0.0703	\$0.0703	\$0.0703
Large Power 0 to 5,000 kWh	\$0.0703	\$0.0703	\$0.0703
Large Power 5,001 to 20,000 kWh	\$0.0703	\$0.0703	\$0.0703
Large Power Over 20,000 kWh	\$0.0703	\$0.0703	\$0.0703
Street Lights	\$0.0703	\$0.0703	\$0.0703
L. Funding Level in Effect	0%	100%	100%
Residential	\$0.0000	\$0.0703	\$0.0703
Community Facilities:			
Boat Harbor	\$0.0000	\$0.0703	\$0.0703
General Service 0 to 500 kWh	\$0.0000	\$0.0703	\$0.0703
General Service over 500 kWh	\$0.0000	\$0.0703	\$0.0703
Large Power 0 to 5,000 kWh	\$0.0000	\$0.0703	\$0.0703
Large Power 5,001 to 20,000 kWh	\$0.0000	\$0.0703	\$0.0703
Large Power Over 20,000 kWh	\$0.0000	\$0.0703	\$0.0703
Street Lights	\$0.0000	\$0.0703	\$0.0703

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Appendix 1

Order U-21-019 vacates Order U-21-019(3) and Ordder U-21-019(4) which made the PCE amount to 00.00

CORDOVA ELECTRIC COOPERATIVE, INC.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update and Surcharge Change

		PC15-0417YY	PC15-0417ZZ	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A. Hydraulic Power Generation		734,419	734,419	734,419
B. Other Power Generation		798,864	798,864	798,864
C. Distribution Expenses		695,937	695,937	695,937
D. Consumer Expenses		305,814	305,814	305,814
E. Administrative & General		1,164,204	1,164,204	1,164,204
F. Allowable Fixed Costs		1,531,670	1,531,670	1,531,670
G. Fuel Cartage, Lube Oil & Boiler Fuel		28,024	28,024	28,024
Revenues not related to Operating Exp.				
H.1 Interest Income		0	0	0
H.2 Non-operating Income		(132,843)	(132,843)	(132,843)
Non-operating Expense		131,312	131,312	131,312
Total Non-Fuel Costs		\$5,257,401	\$5,257,401	\$5,257,401
Fuel Costs:				
I. Gallons Consumed for Electric Generation		445,650	445,650	445,650
J. Price of Fuel		2.6308	2.6308	2.6308
K. Total Cost of Fuel		\$1,172,416	\$1,172,416	\$1,172,416
L. Total Sales		23,444,126	23,444,126	23,444,126
M.1 kWh Generated Diesel		5,733,054	5,733,054	5,733,054
M.2 kWh Generated Hydro		19,410,370	19,410,370	19,410,370
M.3 Total kWh Generated		25,143,424	25,143,424	25,143,424
N. Station Service		272,540	272,540	272,540
O. Fuel Efficiency	<u>Standard</u>			
(M.1/I)	≥ 12.0	12.86	12.86	12.86
P. Line Loss	≤ 12%	5.67%	5.67%	5.67%

((kWh generated-(kWh sales+ Station Service))/kWh generated

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Appendix 2

CORDOVA ELECTRIC COOPERATIVE, INC.

Computation of Community Facilities Average Rate

Rate Schedule: 200 General Service

Consumer Charge:

\$23.50

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (CC/500)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to 500	0.2593	0.01270	0.3190	0.1187
501 to 9,999,999	0.2217	0.01270	0.2814	0.0811

Rate Schedule: 800 Large Power

Consumer Charge:

\$60.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B) +	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to 5000	0.2046	0.01270	0.3373	0.1370
5,001 to 25,000	0.1816	0.01270	0.3143	0.1140
Over 25,000	0.1584	0.01270	0.2911	0.0908

Rate Schedule: 900 Street Lights

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to ∞	0.2865	0.01270	0.2992	0.0989

Surcharge Calculation:

Fuel Price= \$2.63080
Surcharge= \$0.01270

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Appendix 3

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CORDOVA ELECTRIC COOPERATIVE, INC.

Surcharge 0.01270
Fuel Price \$2.63080

Calculation of Average Class Rate per kWh

Rate Schedule: 100 Residential

Customer Charge (CC): \$28

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
500	0.2962	0.01270	0.3089	182.45	0.3649	0.1646

500 182.45 0.3649 0.1646
TOTAL (A) (E)

Rate Schedule: Boat Harbor

Customer Charge (CC) : \$28

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
500	0.296900	0.01270	0.3096	182.80	0.3656	0.1653

TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh

TOTAL (A) (E)

Signature: Keith Kurber II
Keith Kurber II (Aug 16, 2021 12:55 AKDT)

Email: keith.kurber@alaska.gov

Signature: Antony Scott

Email: antony.scott@alaska.gov

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Appendix 3
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Signature: Daniel Sullivan
Daniel Sullivan (Aug 17, 2021 06:25 AKDT)

Email: daniel.sullivan@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Aug 17, 2021 09:20 AKDT)

Email: janis.wilson@alaska.gov